

US EPA ARCHIVE DOCUMENT

# *Florida Department of Environmental Protection*

---

Compliance Assistance  
Florida Department of Corrections

Underground Storage Tanks  
UST



# *Mission*

---

- To protect public health and the environment through promotion of waste management practices that:
  - prevent discharges of petroleum products contained in storage tank systems, and
  - ensure adequate and timely cleanup of the environment.
- **Petroleum Storage Systems Statutes and Rules:**
  - 376.30 - 376.875, F.S.
  - 62-761-UST



# *Duties and Responsibilities*

---

- Implement state and federal laws relating to the regulation and registration of aboveground and underground pollutant storage systems.
- The Storage Tank Program works closely with the six DEP District Offices and contracted local county programs that handle compliance and enforcement activities and assist with cleanup sites throughout the state.





# *Background*

---

- Ground water provides drinking water to over 90% of Florida's residents.
- Releases from over 24,000 petroleum facilities have been reported and require cleanup.
- Cleanup cost averages \$400,000 per facility with some cleanups costing much more.



# FIRST

**Florida Inspection Reporting of Storage Tanks (FIRST)**

File View Refresh Help

Facility Explorer

County Zip Code

LAKE CITY MEDICAL CENTER (9801416)  
NORTH PLANTEROCK - LEWIS OIL CO  
12TH STREET GAS INC (9804728)  
221 GAS & GRILL (8517052)  
224 EXPRESS (9803436)  
3-D NURSERY (8836300)  
301 QUICK STOP (8500757)  
349 EXPRESS (9200860)  
400 BUILDING (9501528)  
600 H&Z PUBLIC SAFETY TRUNKING RAI  
A & J BENEFIT CORP (8500021)  
A & M DISCOUNT BEVERAGE #71 (8503)  
A & Y ENTERPRISES INC (8507691)  
A 1 FUEL STOP (8516907)  
A B DISTRIBUTORS INC (8521794)  
A J JOHNS INC (8836300)  
A TOUCH OF CLASS DRYCLEANERS (970)  
A W MINDHALL & SONS INC (8737099)  
A-1 DRY CLEANERS (9701254)  
A-B DISTRIBUTORS INC (8519211)  
ATA CLEANERS (9502288)  
ATA DISCOUNT

Facility Information

A & J BENEFIT CORP

Id: 8500021

Name: A & J BENEFIT CORP

1750 SW 13TH ST

GAINESVILLE, FL 32608-1527

Contact: STANGLE, SAM

Phone: (352) 335-8540

District: NORTHEAST

County: Alachua

Type: Retail Station

Status: OPEN

Latitude: 29°38'10"

Longitude: 82°20'36"

LL Method: AGPS

Account Owner Information

Name: SAM STANGLE

1750 SW 13TH ST

GAINESVILLE, FL 32608-1527

Phone: (904) 338-0510

Tank Owner Information

Name: STEVE BENDER/BRYAN CIMMERLIN

PO BOX 8

DOCTORS INLET, FL 32030-0008

Phone: (904) 272-9548

Financial Responsibility

Insurance Carrier: FFLIPA

Tanks

Violations

Violation	Rule	Rev
909 (1991) RECORD KEEPING	62-761/762	REV
910 (1991) REGISTRATION / NOTIFICATION	62-761/762	REV
912 (1991) RELEASE DETECTION COMPLIANCE - SIG	62-761/762	INS
920 (1991) TANK OUT OF SERVICE STATUS - SIG		INS
922 (1991) VARIANCE / OTHER		
3 FINANCIAL RESPONSIBILITY		
86 RELEASE DETECTION PERFORMED AT LEAST ON		
172 RECORDS REQUIRED FOR LIFE OF SYSTEM KEPT		
174 REQUIREMENTS MET FOR OUT OF SERVICE		





# Current law - Unlawful to fill non-registered tanks







Tank Overfills

14 11:18 AM









**Boots!**



4. 19. 2002 10:09



15. 7. 2002







# Double-wall Flexible Synthetic Piping Incidents











Dispenser  
Sumps



# Hydrostatic testing



8. 23. 2004





# *Leaking Petroleum Tanks & Lines*



# *History*

---

- In the early 1980's, petroleum contamination impacted public and private drinking water systems in many locations.
- In 1984, Florida required corrosion protection on all steel tanks.
- In October 1990, Governor Martinez and the Cabinet directed the Department to require regulated Aboveground and Underground Petroleum Tank Systems to have secondary containment before 2010.











**Equipment  
Problems**



# *Secondary Containment Underground Storage Tanks*

---

The Department established five interim upgrades all leading to the completion of the secondary containment upgrade deadline:

- Tanks installed before 1970 had to be corrosion protected by December 31, 1989.
- Tanks installed between 1970–1975 had to install secondary containment by December 31, 1992.
- Tanks installed between 1976–1980 had to install secondary containment by December 31, 1995.
- Tanks installed between 1981 and September 1, 1984 had to install secondary containment by December 31, 1998.
- Corrosion resistant single walled tanks installed between October 1, 1984 and June 30, 1992 must have secondary containment by December 31, 2009.





# *Final Upgrade Deadline*

---

- Underground Storage Tanks  
December 31, 2009





**Site Safety** 8 3:52 PM







**Closure and Installation must be performed by a Petroleum Storage System Contractor (PSSC) certified by the Department of Business and Professional Regulation**













# *Questions?*

---



# *Storage Tank Regulation Section*

## *William E. Burns, Administrator*

---

Florida Department of Environmental Protection  
850.245.8842

[bill.burns@dep.state.fl.us](mailto:bill.burns@dep.state.fl.us)

[www.dep.state.fl.us/waste/categories/tanks/default.htm](http://www.dep.state.fl.us/waste/categories/tanks/default.htm)

